



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/698,201	10/30/2000	Tae-kyung Kim	1293.1144/MDS	6730
21171	7590	01/07/2005	EXAMINER	
STAAS & HALSEY LLP SUITE 700 1201 NEW YORK AVENUE, N.W. WASHINGTON, DC 20005				CHU, KIM KWOK
		ART UNIT		PAPER NUMBER
		2653		

DATE MAILED: 01/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action	Application No.	Applicant(s)
	09/698,201	KIM ET AL.
	Examiner	Art Unit
	Kim-Kwok CHU	2653

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 07 December 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) The period for reply expires 3 months from the mailing date of the final rejection.
- b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. The proposed amendment(s) will not be entered because:
 - (a) they raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) they raise the issue of new matter (see Note below);
 - (c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____.

3. Applicant's reply has overcome the following rejection(s): _____.
4. Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: 1-48, 50-59, 61-73 and 75-82.

Claim(s) objected to: _____.

Claim(s) rejected: 49,60 and 74.

Claim(s) withdrawn from consideration: _____.

8. The drawing correction filed on _____ is a) approved or b) disapproved by the Examiner.
9. Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s). 10/19/2004.
10. Other: _____.

Continuation of 5. does NOT place the application in condition for allowance because:

1. Applicant states that there is no suggestion that the collimator in Fig. 25 has a diverging power that is sufficient to allow the optical element to focus the first light beam with the wavelength of roughly 400 nm onto the first medium with negligible aberration as recited in claim 49 (page 3 of the Remarks, lines 2-5).

Accordingly, the prior art of Kobayashi discloses that a collimator having a diverging power to sufficiently allow an objective lens to focus onto a medium with negligible aberration (Fig. 25; negligible aberration is the result of correcting aberration; column 1, lines 39-47).

Furthermore, although the prior art of Kobayashi does not disclose that the collimated light beam has a wavelength of 400 nm. However, the diverging power of Kobayashi's the collimator (Fig. 25) still diverges any component within the whole light beam spectrum.

2. Applicant states that the amount of divergence is wavelength dependent (page 3 of the Remarks, lines 7-10).

Accordingly, It is a general property that the amount of divergence is wavelength dependent. To distinguish the divergence property between Applicant's collimator and the prior art of Kobayashi's collimator, Applicant should define the optical characteristic of his collimator.

Examiner: Kim CHU
(703) 305-3032

12/21/04


TAN DINH
PRIMARY EXAMINER

1/6/04